

1/12

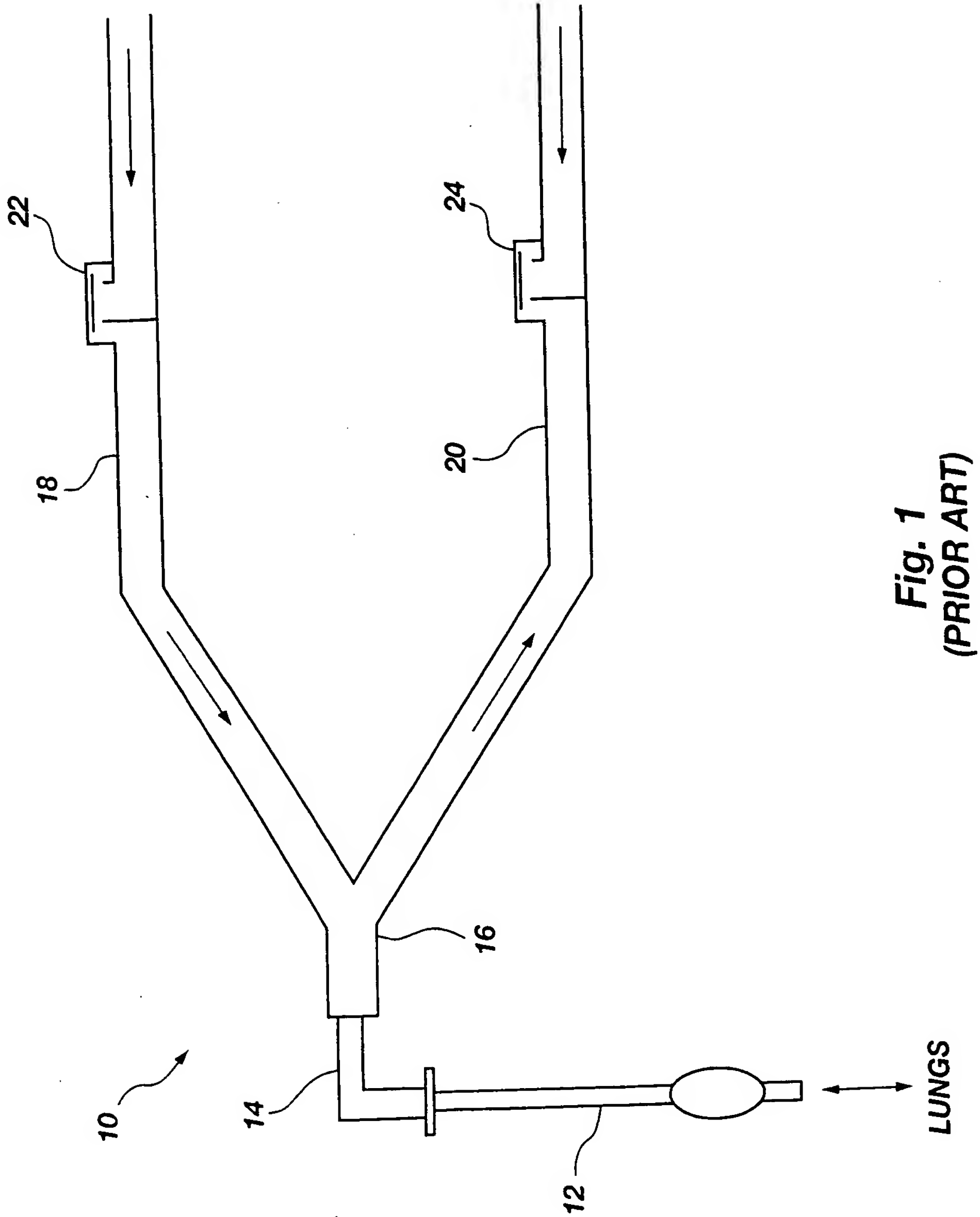
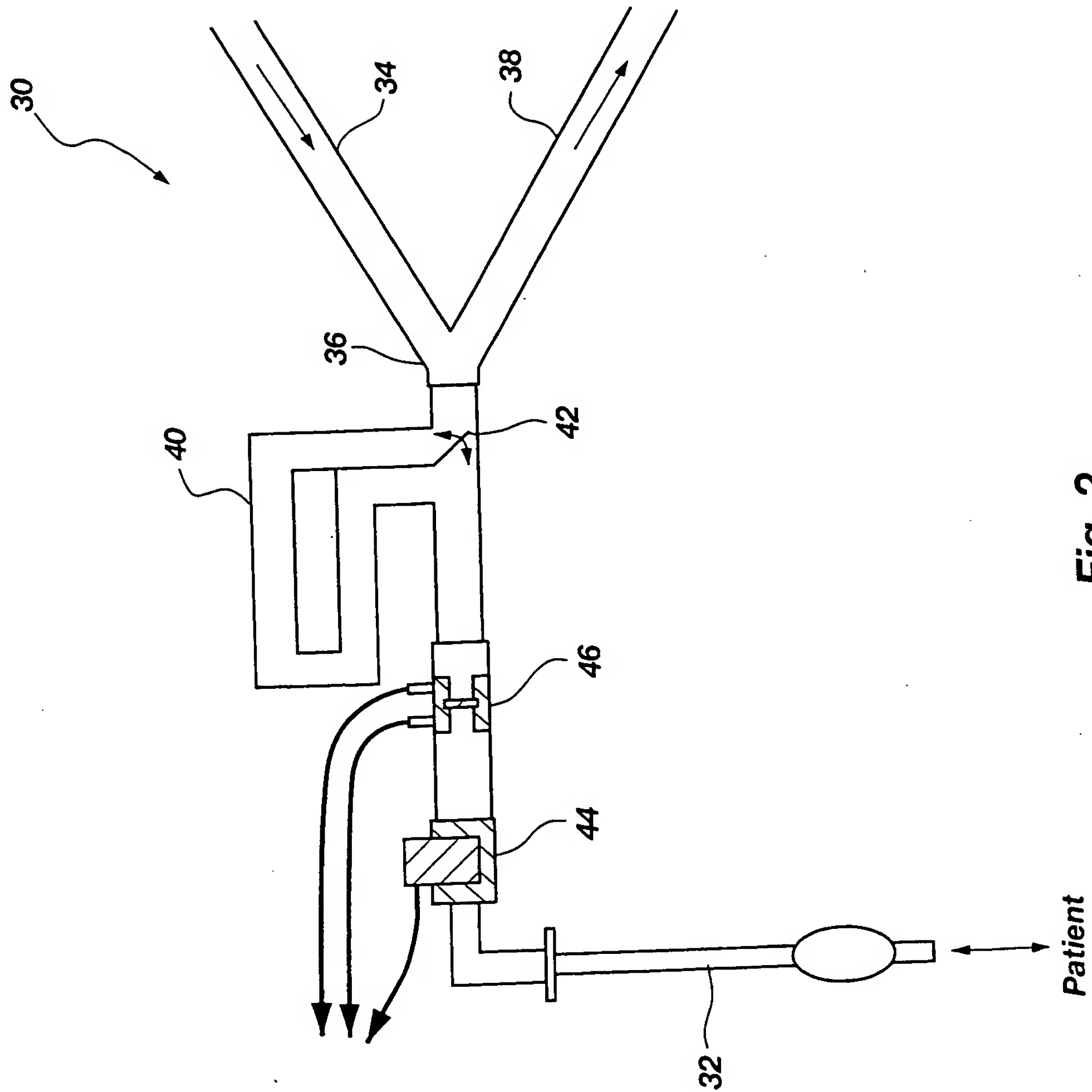


Fig. 1  
(PRIOR ART)

2/12



**Fig. 2**  
**(PRIOR ART)**

3/12

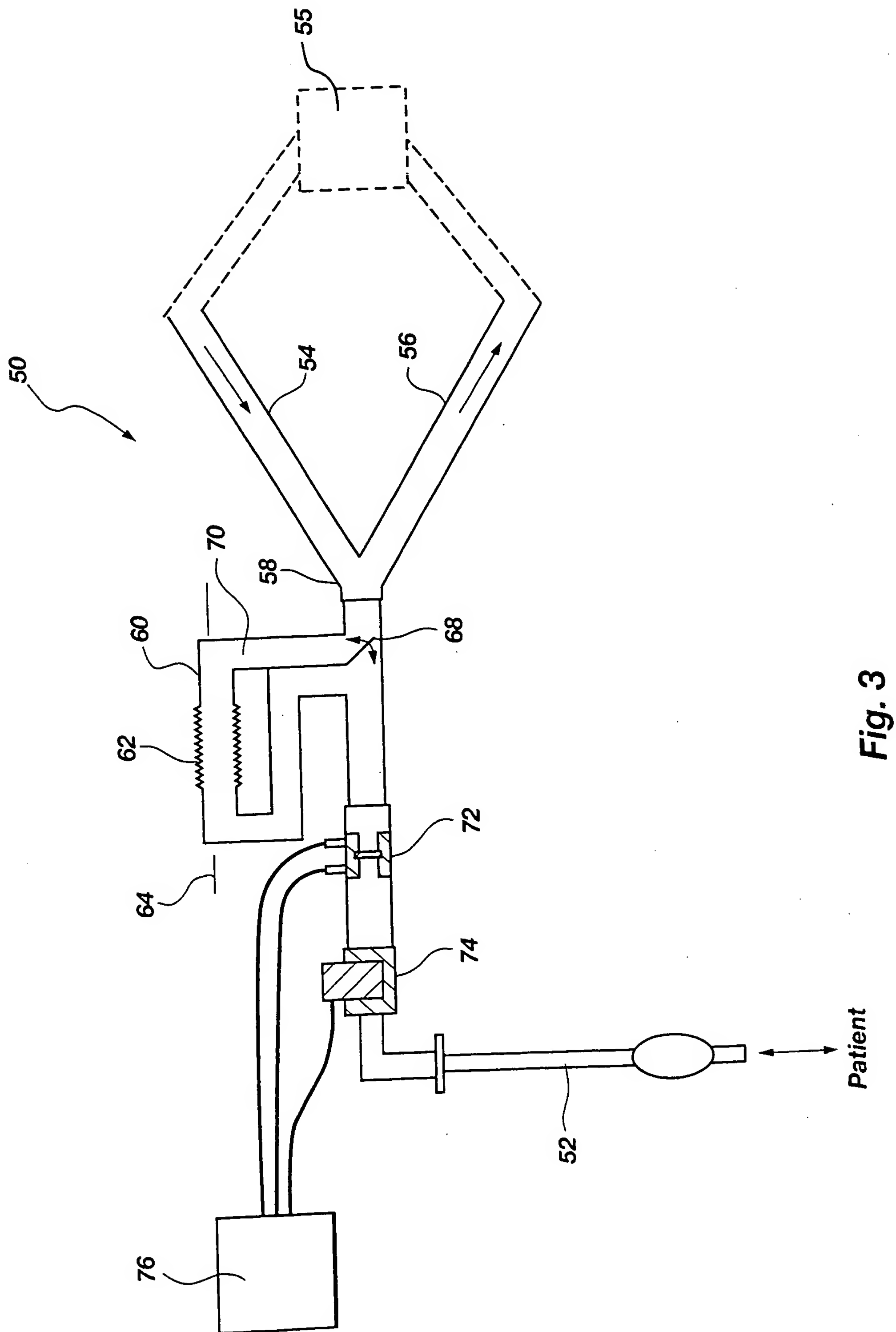
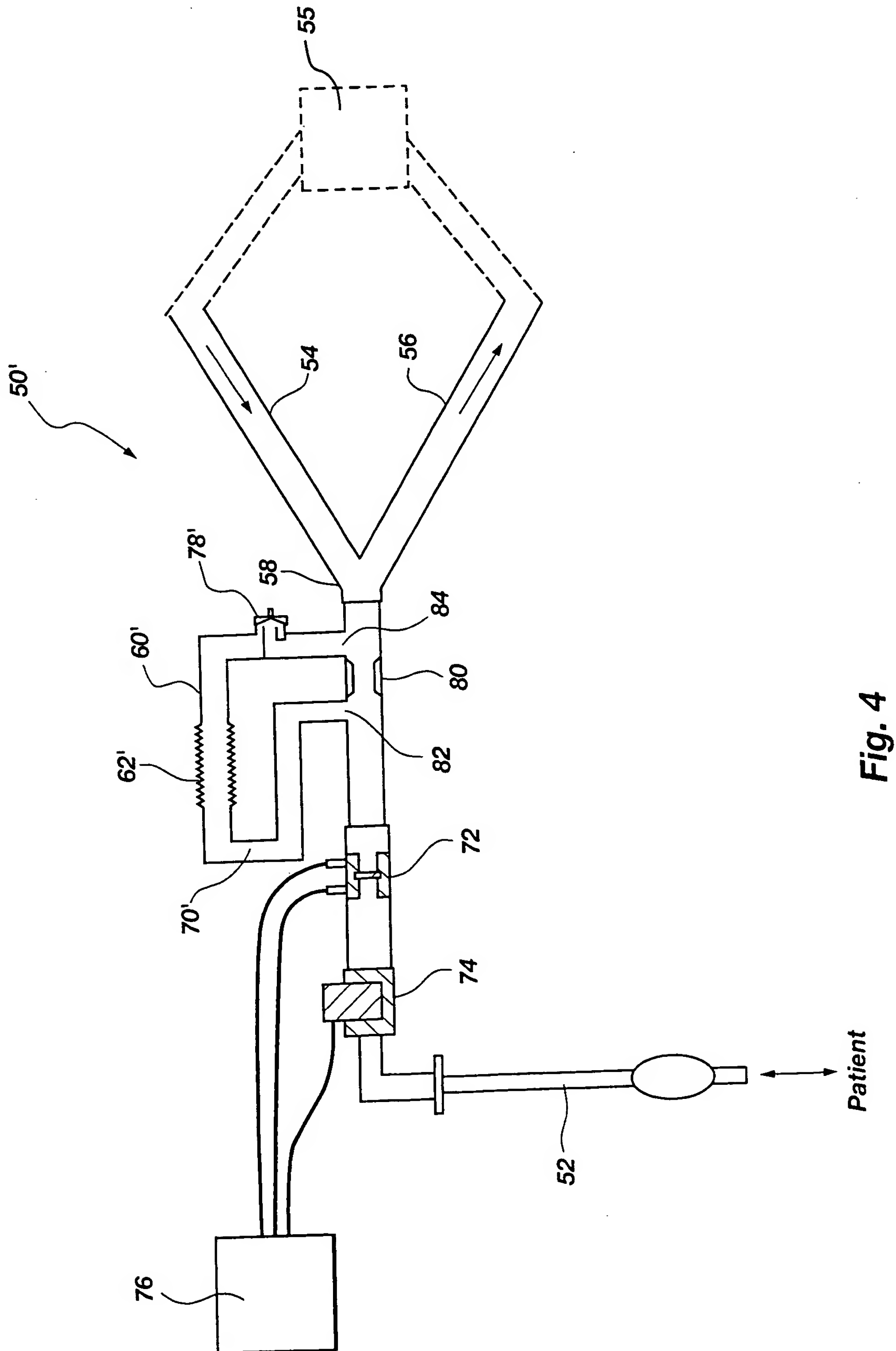


Fig. 3

Inventors: Joseph A. Orr et al.  
Filed September 8, 2003  
Attorney Docket No. 3868.2US

Inventors: Joseph A. Orr et al.  
Filed September 8, 2003  
Attorney Docket No. 3868.2US

4/12



**Fig. 4**

5/12

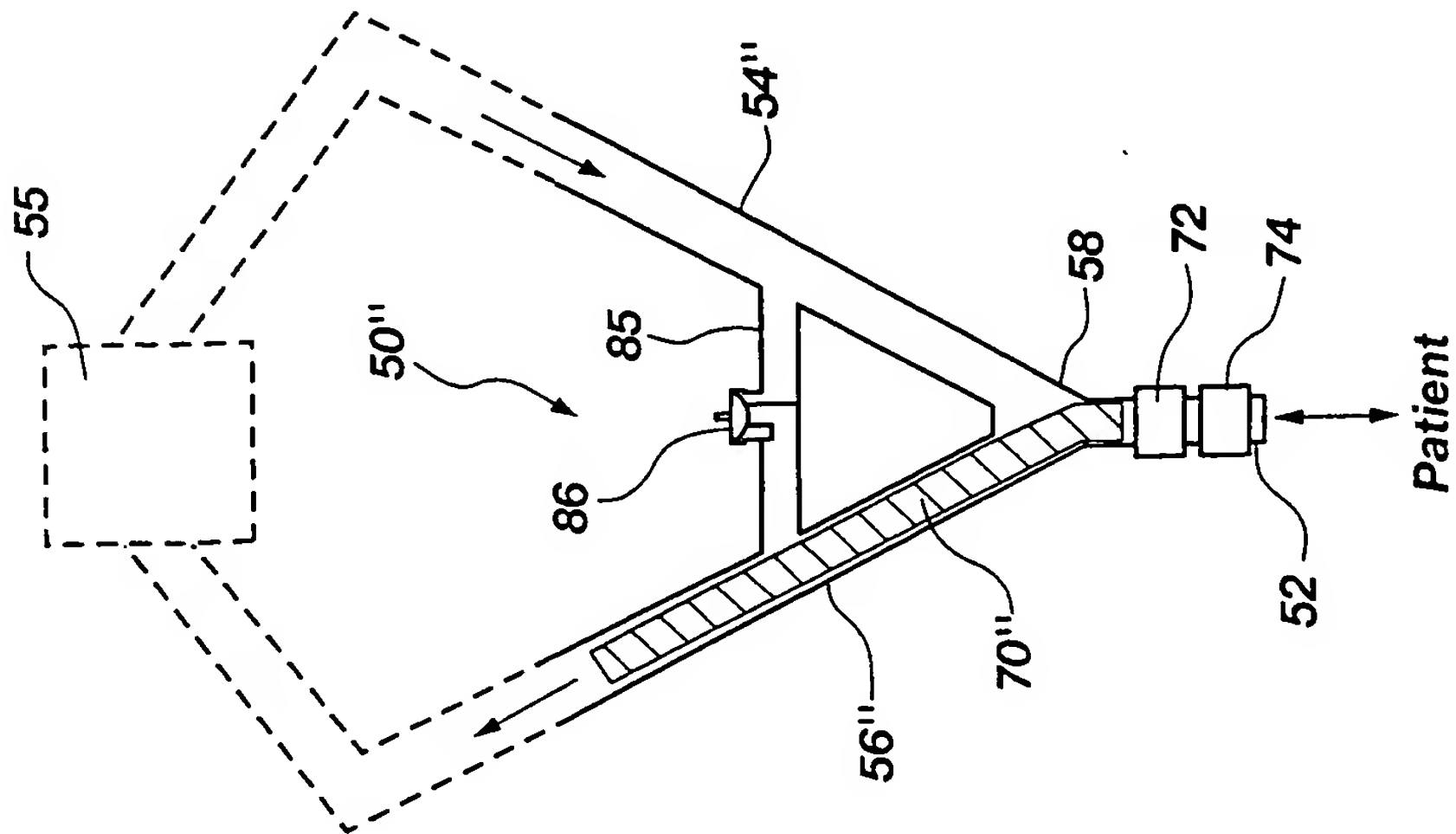


Fig. 5A

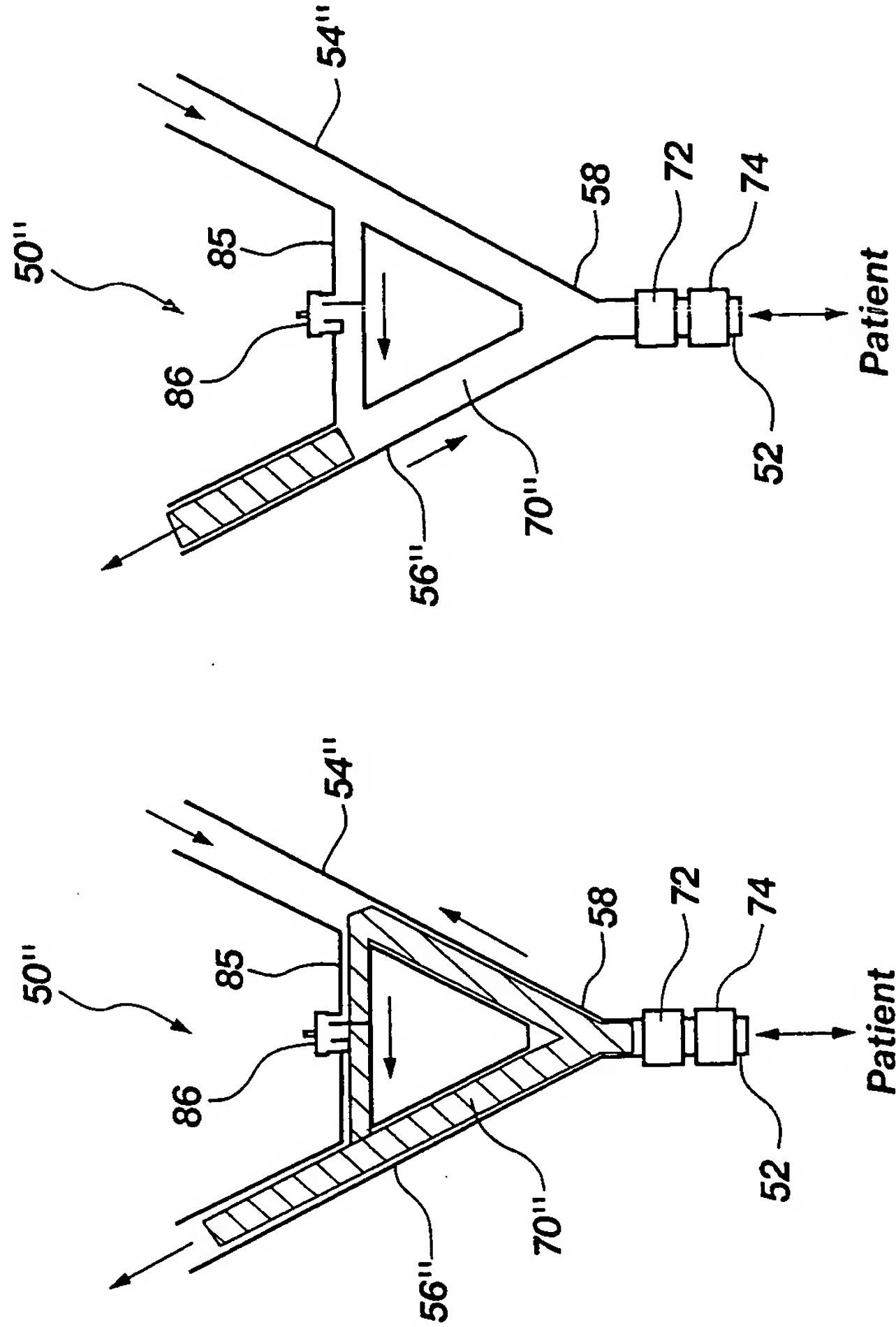


Fig. 5B

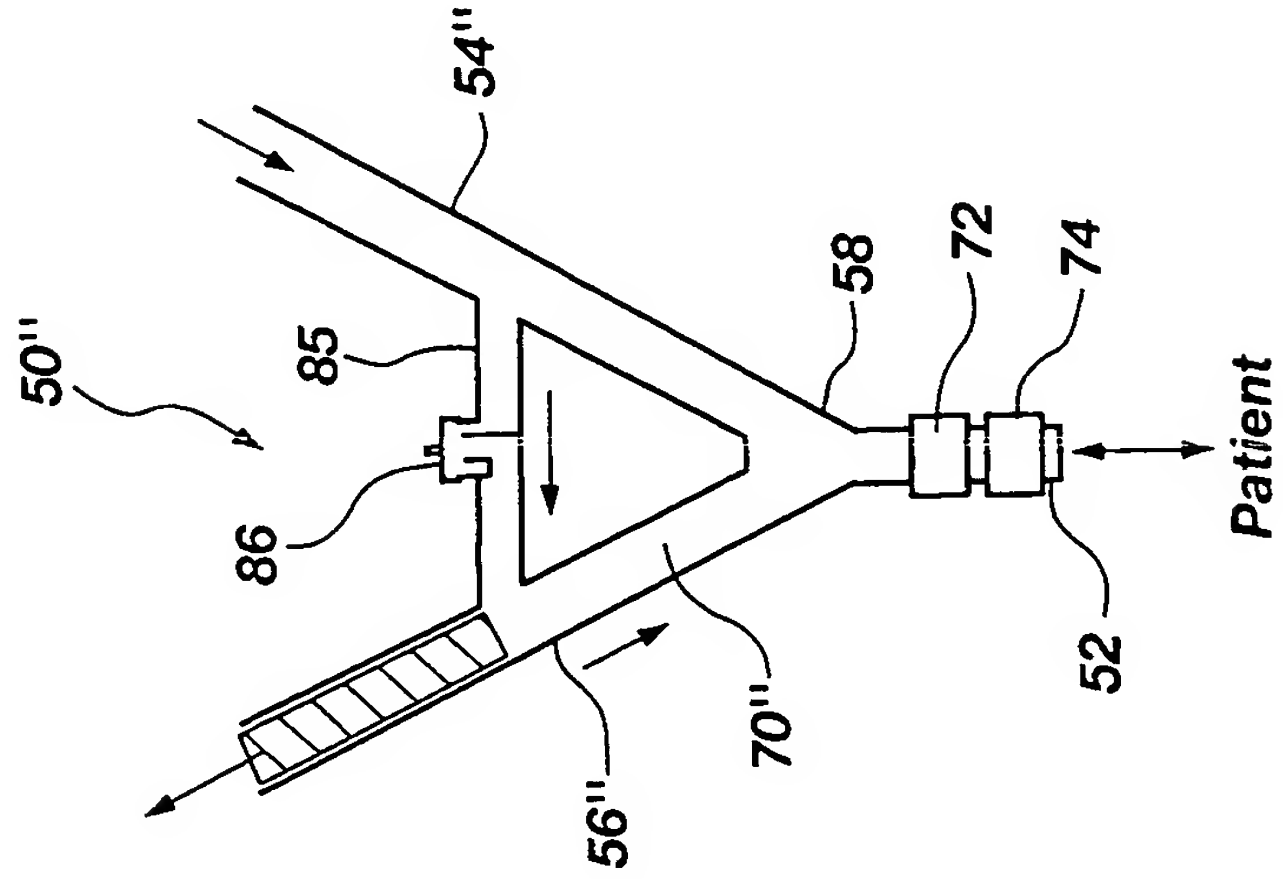


Fig. 5C

6/12

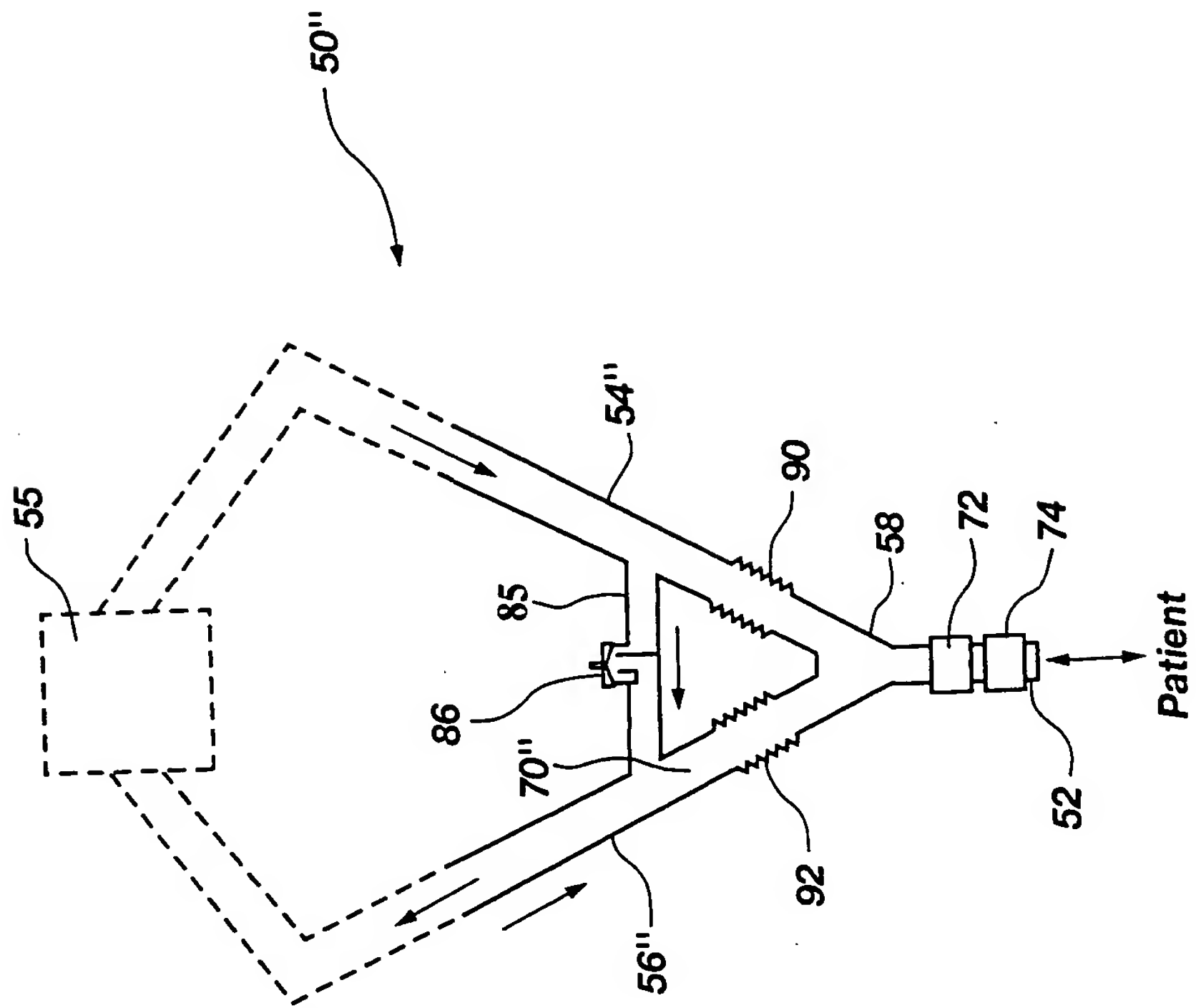


Fig. 6

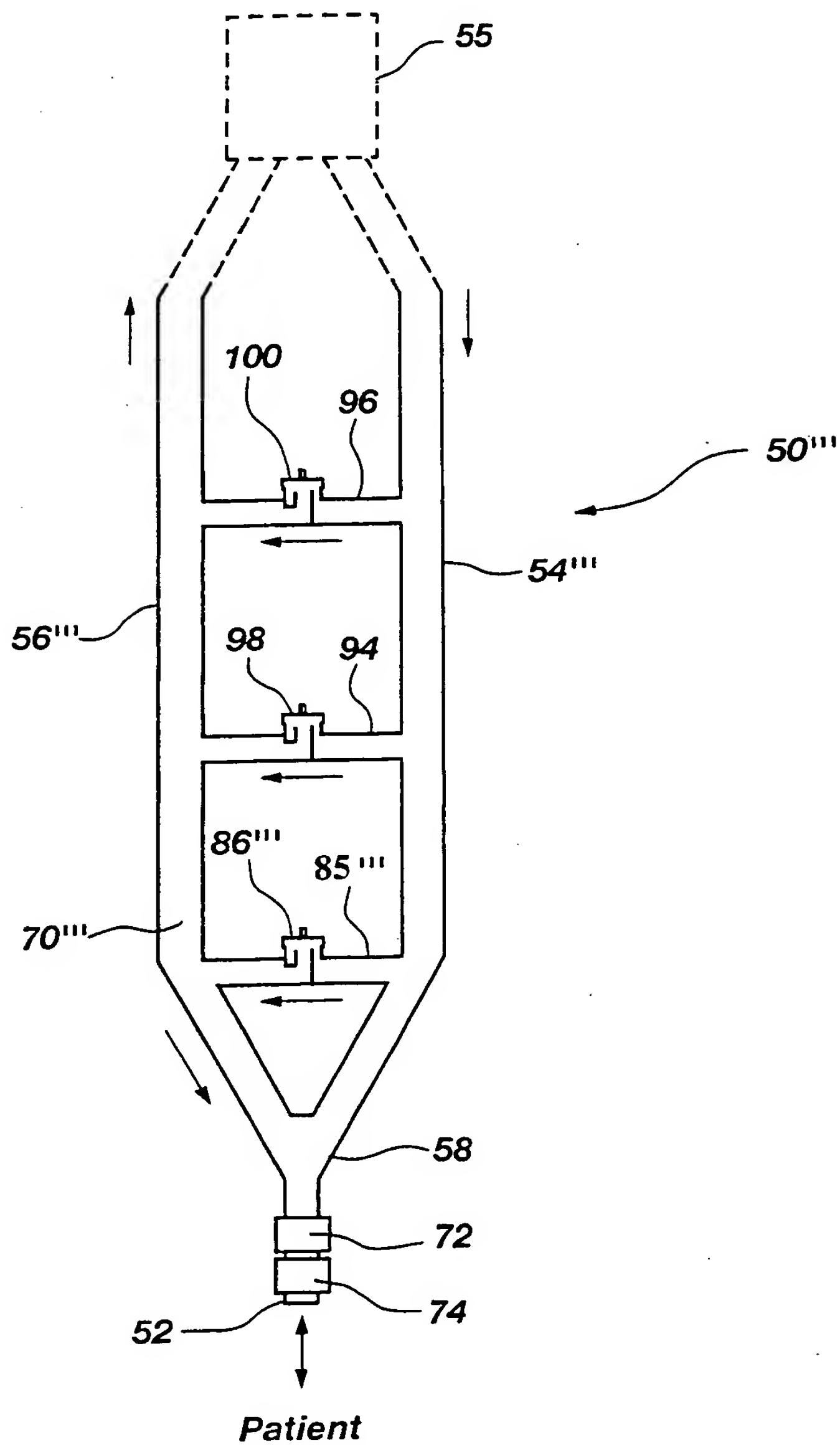
APPARATUS AND METHOD FOR NON-INVASIVELY  
MEASURING CARDIAC OUTPUT

Inventors: Joseph A. Orr et al.

Filed September 8, 2003

Attorney Docket No. 3868.2US

7/12



**Fig. 7**

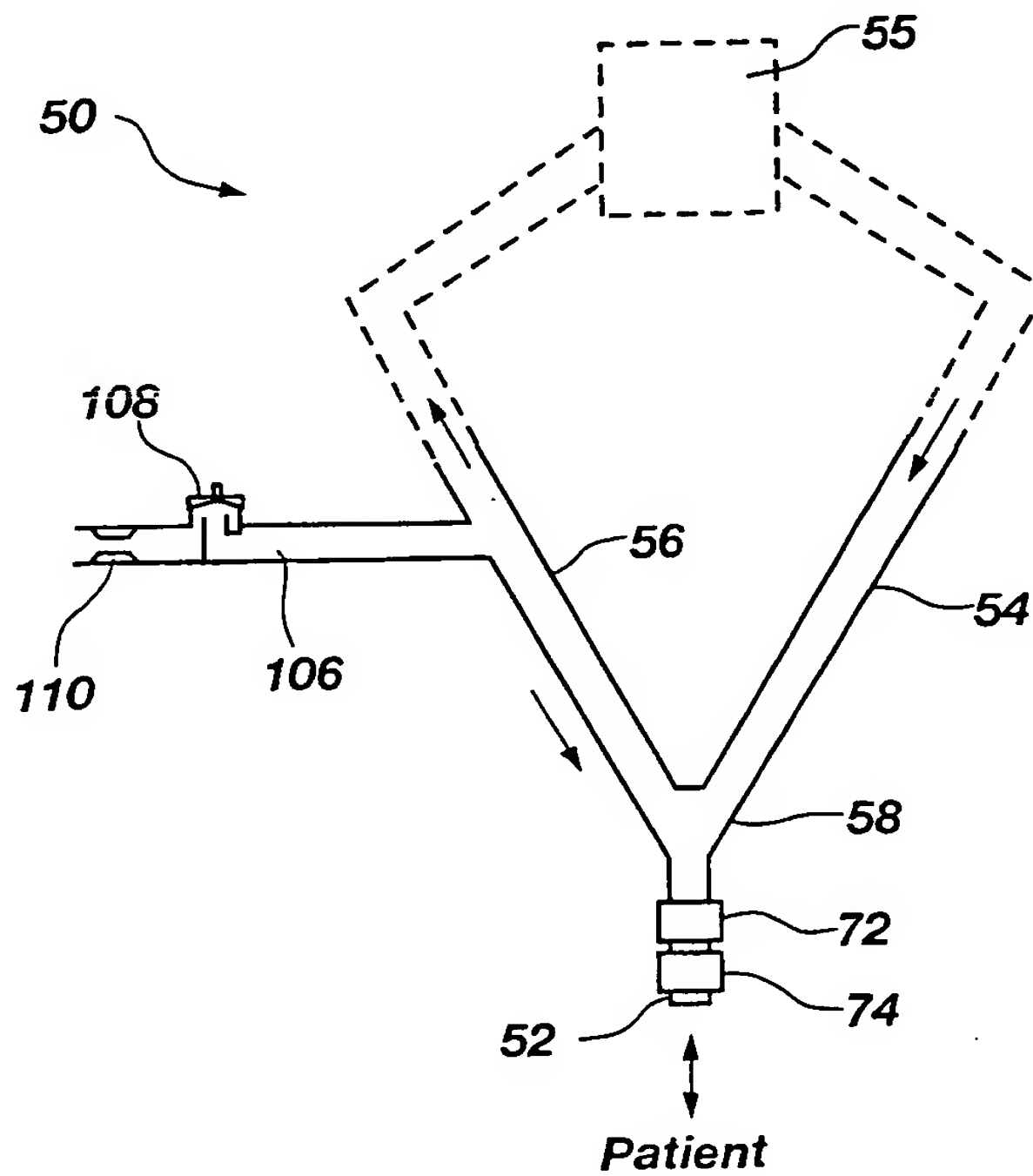
APPARATUS AND METHOD FOR NON-INVASIVELY  
MEASURING CARDIAC OUTPUT

Inventors: Joseph A. Orr et al.

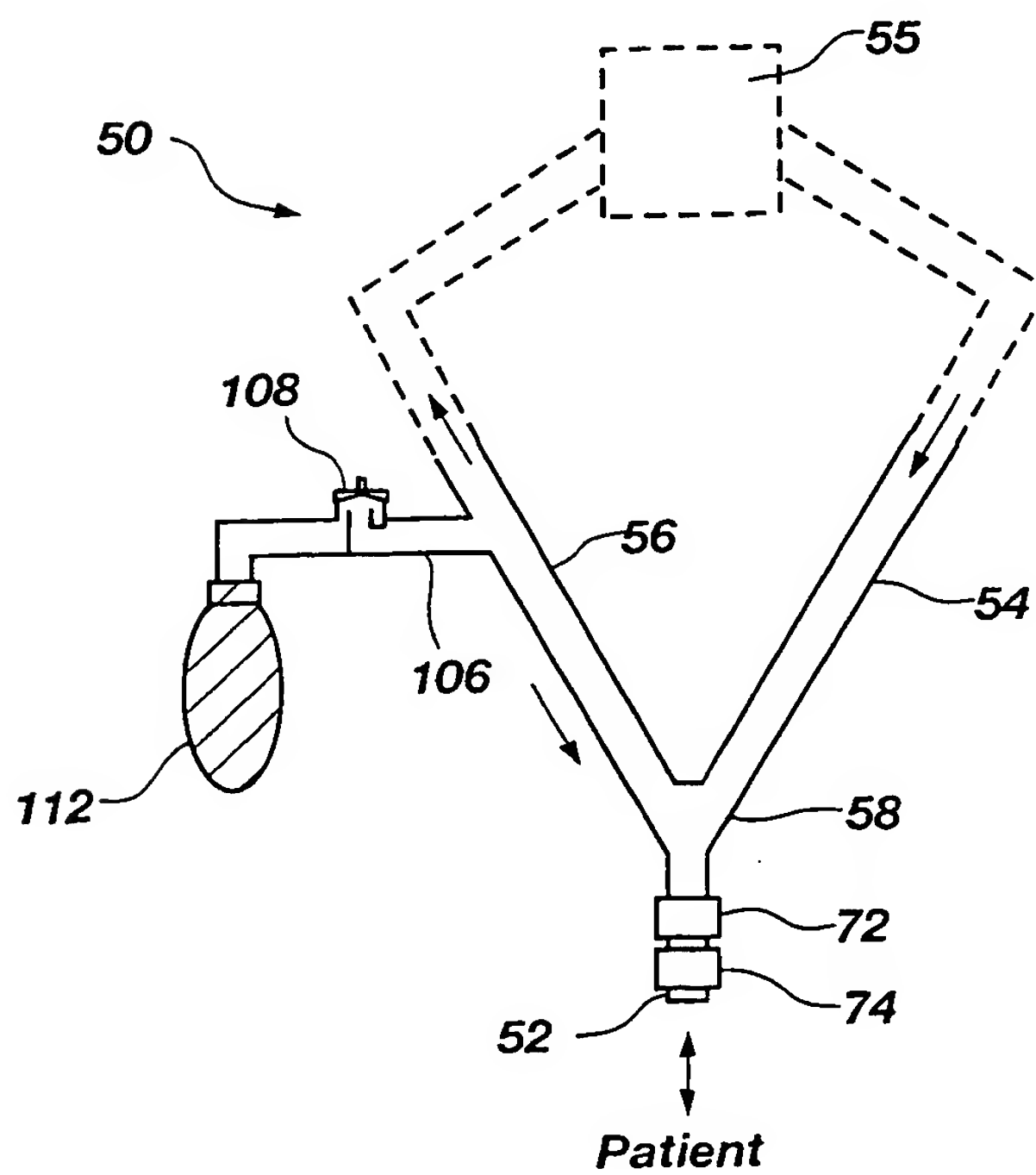
Filed September 8, 2003

Attorney Docket No. 3868.2US

8/12



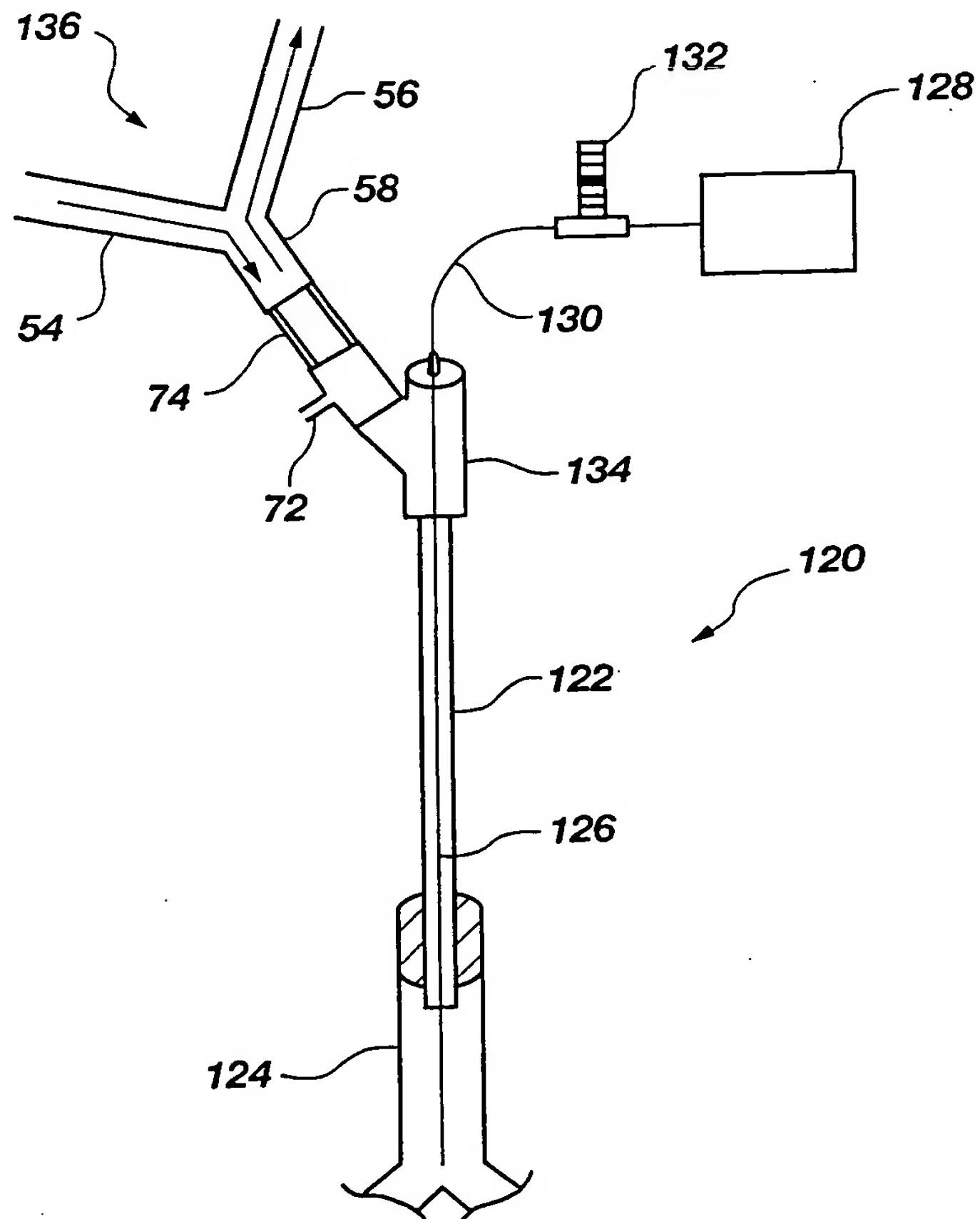
**Fig. 8A**



**Fig. 8B**



9/12



**Fig. 9**

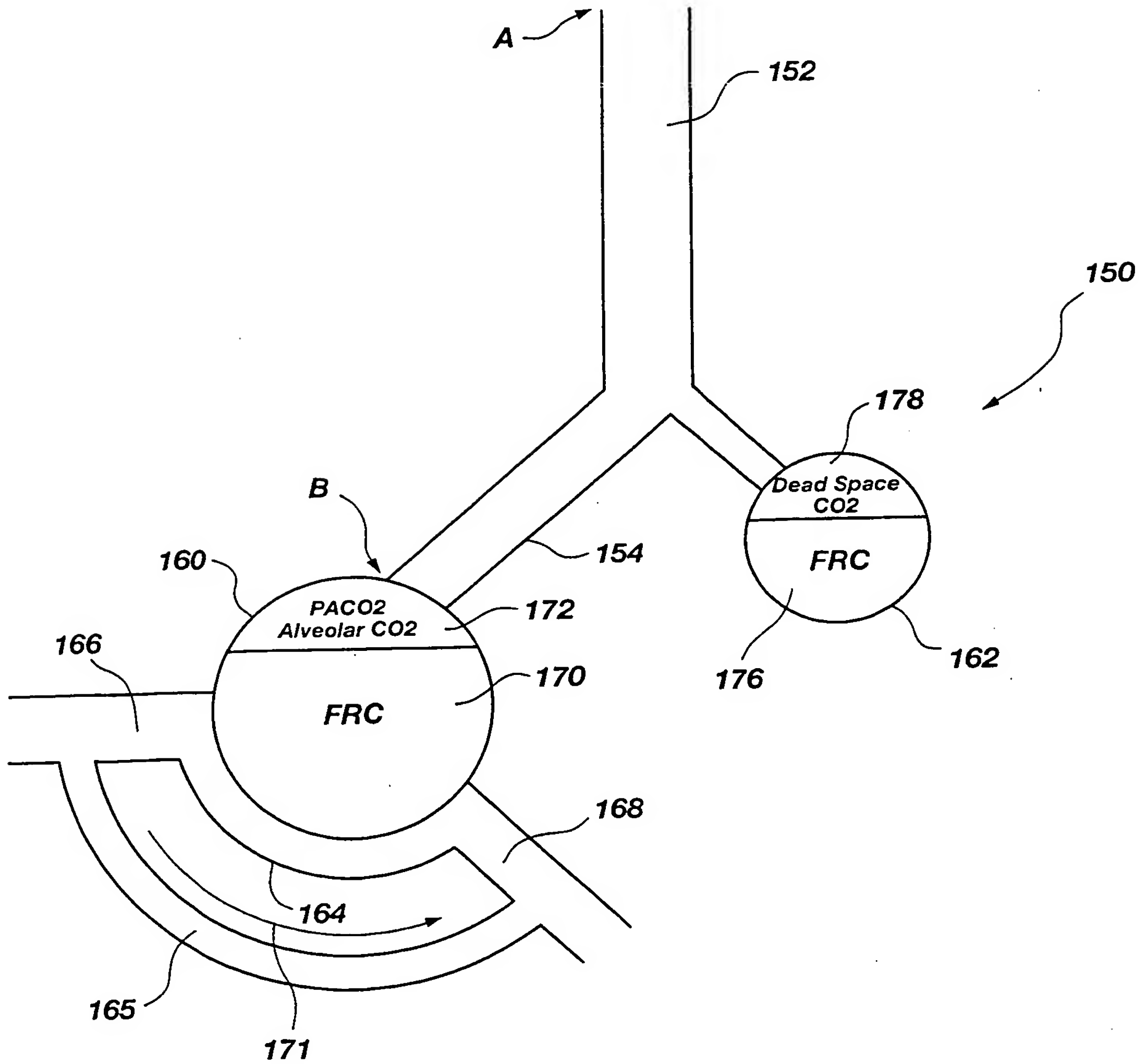
APPARATUS AND METHOD FOR NON-INVASIVELY  
MEASURING CARDIAC OUTPUT

Inventors: Joseph A. Orr et al.

Filed September 8, 2003

Attorney Docket No. 3868.2US

10/12



**Fig. 10**

11/12

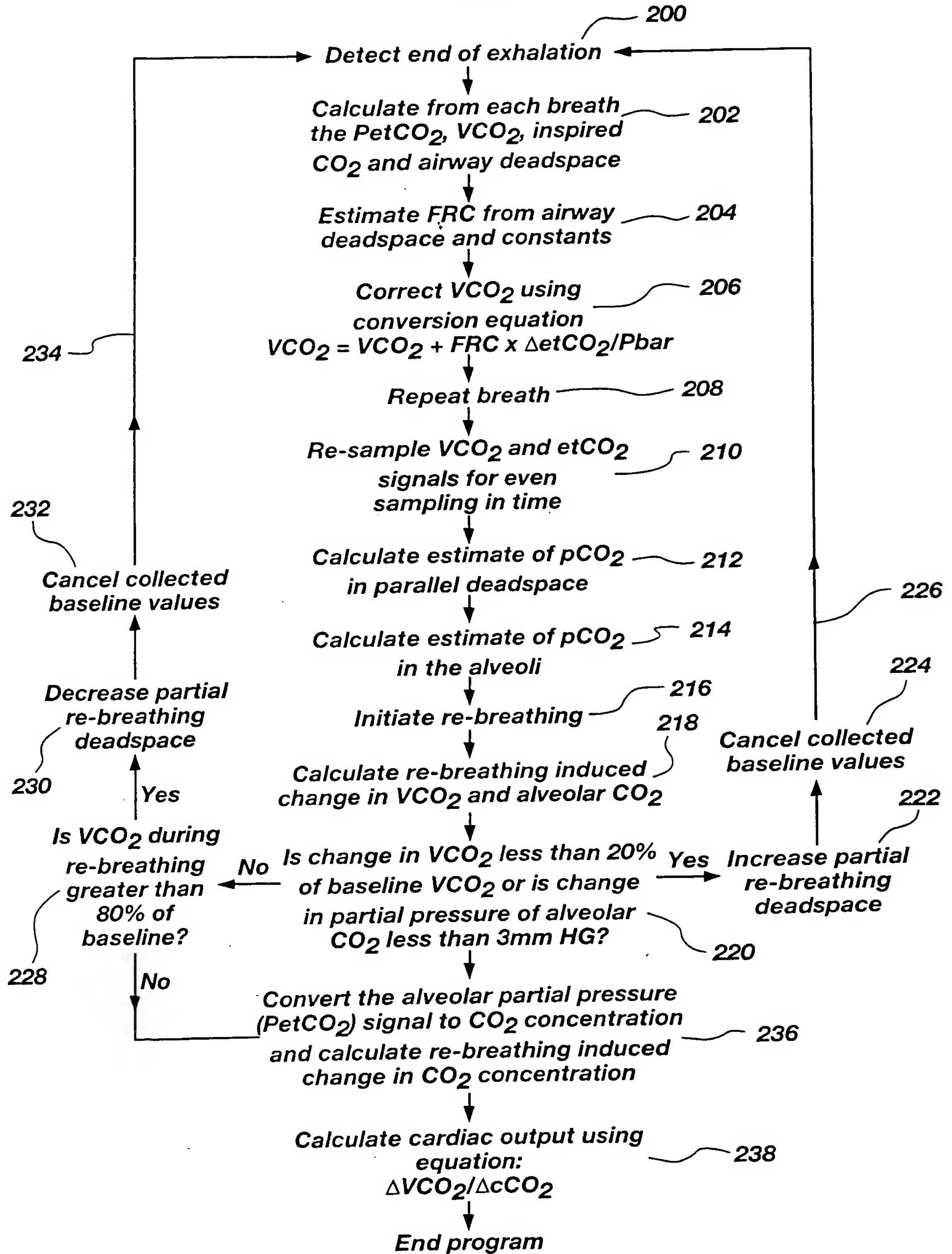
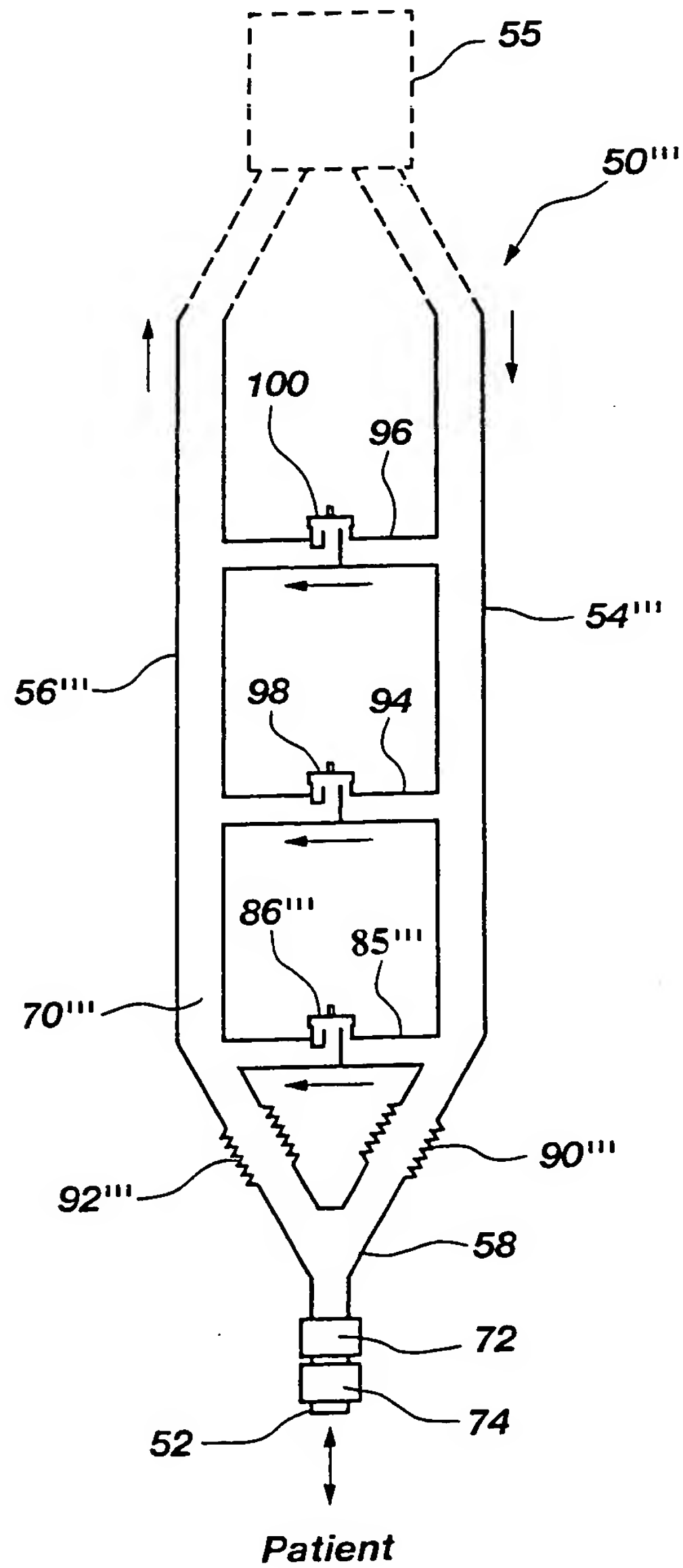


Fig. 11

12/12



**Fig. 12**